

Priya Balasubramanian

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Professional Summary:

Versatile IT professional with **2.4 years of experience** in BI development, Power Platform solutions, automation, and application support. Proven expertise in building **Power BI dashboards**, developing **Power Apps** and **Power Automate workflows**, and implementing **RPA processes**. Skilled in **SQL Server, MySQL, PHP**, and automation using **Excel Macros**. Hands-on experience with **Oracle EBS ERP** and business processes in the **manufacturing domain**. Strong communicator with a track record of user support and training delivery.

Core Skills:

- **Power Platform:** Power BI, Power Apps, Power Automate
 - **Automation:** RPA (Power Automate Desktop), Excel VBA/Macros
 - **Databases:** SQL Server, MySQL
 - **Programming:** PHP, HTML, CSS, Python, Django
 - **ERP Systems:** Oracle ERP (Inventory, O2C and P2P cycle)
 - **Reporting s Analytics:** Data Modeling, KPI Dashboards
 - **Process Knowledge:** Manufacturing Workflows, User Support, Documentation, Training
 - **Other:** SharePoint, OneDrive, MS. Office.
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Professional Experience:

Business Analyst

Emerson Automation Solution, Chennai. — 07/2023 to Present

- Built and maintained **Power BI dashboards** for sales, operations, and finance teams.
- Developed custom **Power Apps** to streamline internal workflows (inventory, maintenance, and forms).

- Automated approval and alert systems using **Power Automate flows** integrated with Outlook and SharePoint.
- Created **RPA bots** for repetitive tasks such as data entry and system integration across legacy tools.
- Designed and maintained **Excel Macros** to automate reports and reduce manual overhead.
- Supported and enhanced **PHP-based applications**, handling bug fixes and minor feature development.
- Wrote **SQL queries** and handled data extraction from **SQL Server and MySQL** databases.
- Provided **functional support** for users working with **Oracle ERP (O2C s P2P)** modules.
- Trained end users on app usage, dashboards, and process automation tools.

Education:

B.Sc. Computer Science — University of Madras, Chennai, Tamil Nadu.
2020-2023

Key Projects:

Item Master Creation s Activation

Tools: MySQL, Excel, Power Query | **Users:** Asia Pacific PRM

Developed an interactive dashboard to monitor item creation and activation processes with department-wise KPIs, reducing reporting turnaround time by 70%.

Hold Management Dashboard

Tools: Power BI | **Users:** PRM (Chennai, Chengdu, Singapore)

Visualized shipping constraints and order status from multiple perspectives (user, manager, director), increasing order processing efficiency by 40%.

RDSL s PDSL Tracker

Tools: Dataflow, Power Query | **Users:** Chennai, Chengdu

Created dashboards to measure customer service levels, resulting in greater visibility and improvement in RDSL and PDSL performance metrics.

Pegging Application – Order Planning Dashboard

Tools: Python, Django, Html, CSS, JS, SQL server, Oracle | **Users:** Chennai, Chengdu

Developed centralized pegging and ATP visibility platform for planners. Built Buyer module to track pending & expedited POs and sync updates with Oracle ASCP. Improved planning clarity and reduced manual tracking effort by ~60%.

Quick Ship Program

Tools: Power BI, Dataflow | **Users:** Chengdu, Chennai

Analysed sales and component data to identify fast-moving products and define safety stock levels for efficient shipping.

Install Base Analysis

Tools: Excel, Dataflow | **Users:** Singapore, Chennai, Formax, Cluj, Chengdu, Tulsa

Reverse-engineered ERP data to derive install base insights across global inventory organizations.

Supplier PPM Dashboard

Tools: Excel, Dataflow, Power Query | **Users:** Global Supply Chain

Built dashboards to track supplier quality and service metrics, enabling identification of top- and under-performing suppliers.

ERP Ticketing System

Tools: Power Apps, Power Automate, SharePoint | **Users:** Chennai

Developed an application to log and track ERP issues, streamlining user support and improving issue resolution time.

Label Printing App

Tools: Power Apps, Dataflows | **Users:** Chennai

Automated label printing from Oracle ERP using serial numbers, reducing manual effort by 80% and ensuring accuracy.

PDI (Pre-Dispatch Inspection) Tool

Tools: Power Apps, Power Automate, SharePoint | **Users:** Chennai

Built a mobile app to digitize the inspection process, including image capture and checklist completion, improving traceability and ease of documentation.

Miscellaneous Transaction Automation

Tools: Power Apps, Power Automate (Cloud C RPA), SQL Server, Excel Macros | **Users:** Chennai, Chengdu

Automated approval workflows and Oracle postings for manual transactions, reducing errors and manual workload by 60%.

Routine File Automation

Tools: Power Automate, Excel, OneDrive | **Users:** Internal Teams

Automated Excel uploads to Oracle and downloads from portals to OneDrive, saving time and reducing operational friction.

Languages:

- Tamil
- English